WHAT IS CLAIMED IS:

1. A tool comprising two handles and a tool head, wherein:

5   the tool head is composed of two clamping members middle portions of which are pivotally connected on a pivot shaft, one end of each clamping member having a pivot hole for pivotally connecting with the handles; and

10   each handle has a pivoted end, the pivoted ends being pivotally connected with each other on a shaft, a section of each handle near the pivoted end being formed with a caved section laterally passing through the handle, the handle being divided by the caved section into two side boards, a pin being

15   disposed between the two side boards of each handle, the pins being fitted in the pivot holes of the clamping members, whereby when the handles are pivoted relative to each other, the pivotally connected clamping members are driven and pivoted, at least one side board of one of the handles having a

20   projecting block, while one side board of the other of the handles being formed with at least one slot cooperating with the projecting block, the slot being positioned in the moving path of the projecting block when the handles are relatively pivoted, whereby by means of cooperation between the slot

25   and the projecting block, the pivoting range of the handles is restricted.

2. The tool as claimed in claim 1, wherein one of the handles is formed with two slots at intervals, the slots being positioned in the moving path of the projecting block of the other of the handles when the handles are relatively pivoted.

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3. The tool as claimed in claim 1, wherein a switch block is pivotally disposed on one of the handles, the handle having a protuberance on one side of the switch block distal from the other handle, whereby the switch block can be pivoted to lean

10 against the protuberance, the other handle being formed with a stop face corresponding to the switch block, one side of the switch block adjacent to the protuberance being defined with a first leaning face and a second leaning face in accordance with the pivoting direction, whereby when the handles are closed,

15 with the second leaning face of the switch block leant against the protuberance, the switch block abuts against the stop face to prevent the handles from rotating, while when the switch block is pivoted to lean the first leaning face against the protuberance, the switch block will not contact with the stop

20 face.

4. The tool as claimed in claim 1, wherein the handles have asymmetrical patterns, an outer side of a section of one of the handles near the shaft being formed with a grip section bent

25 toward the other of the handles and having larger arched recess.

5. The tool as claimed in claim 1, wherein a torque spring is fitted on the shaft of the handles, two ends of the torque spring extending from the opposite sides of the handles and passing by the pins of the handles and then outward extending to respectively form two press sections abutting against the handles, the opposite sides of the handles being respectively formed with two stop boards for stopping the press sections of the torque spring.

6. The tool as claimed in claim 5, wherein the handles are integrally bent to respectively form the two stop boards.

7. The tool as claimed in claim 5, wherein two sheaths are respectively fitted on the handles, the sheaths being hollow and the press sections of the torque spring extending into the sheaths, whereby inner faces of the sheaths form the stop boards.

8. The tool as claimed in claim 1, wherein the pivot hole of each clamping member of the tool head has an opening, the pin of each handle having a non-circular cross-section with a narrowed section, the openings being slightly larger than the narrowed sections, the handle with the slot being formed with a dent corresponding to the projecting block of the other handle, whereby when the handles are pivoted to a positioned where the narrowed sections of the pins can be detached and moved

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out of the pivot holes through the openings, the projecting block is engaged in the dent to locate the handles.